



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/077,817C
Source: 1600
Date Processed by STIC: 5/20/2003

RECEIVED
MAY 27 2003
TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



1600

RAW SEQUENCE LISTING

DATE: 05/20/2003

PATENT APPLICATION: US/09/077,817C

TIME: 13:57:59

Input Set : A:\SEQID924-09 077817.txt

Output Set: N:\CRF4\05202003\I077817C.raw

3 <110> APPLICANT: Caput, Daniel
 4 Ferrara, Pascual
 5 Laurent, Patrick
 6 Vita, Natalio
 8 <120> TITLE OF INVENTION: IL-13 RECEPTOR
 10 <130> FILE REFERENCE: IVD924
 12 <140> CURRENT APPLICATION NUMBER: 09/077,817C
 13 <141> CURRENT FILING DATE: 1998-09-14
 15 <150> PRIOR APPLICATION NUMBER: PCT/FR96/01756
 16 <151> PRIOR FILING DATE: 1996-11-07
 18 <160> NUMBER OF SEQ ID NOS: 15
 20 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

22 <210> SEQ ID NO: 1
 23 <211> LENGTH: (1539)
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1

C--> 29 ggtgcctgtc ggcggggaga gaggcaatat caaggtttta aatctcggag aaatggcttt 60
 31 cgtttgcttg gctatcggat gcttatatac ctttctgata agcacaacat ttggtgttac 120
 33 ttcattctca gacaccgaga taaaagttaa ccctcctcag gattttgaga tagtggtacc 180
 35 cgatactta ggttatctct atttgcaatg gcaaccccca ctgtctctgg atcattttta 240
 37 ggaatgcaca gtggaatatg aactaaaata ccgaacatt ggtagtgaag catggaagac 300
 39 catcattact aagaatctac attacaaaga tgggtttgat cttacaagg gcattgaagc 360
 41 gaagatacac acgcttttac catggcaatg cacaaatgga tcagaagttc aaagtctcctg 420
 43 ggcagaaact acttattgga tatcaccaca aggaattcca gaaactaaag ttcaggatat 480
 45 ggattgcgta tattacaatt ggcaatattt actctgttct tggaaacctg gcattaggtg 540
 47 acttcttgat accaattaca acttggttta ctggtatgag ggcttggatc atgcattaca 600
 49 gtgtgttgat tacatcaagg ctgatggaca aaatatagga tgcagatttc cctatttgga 660
 51 ggcacagac tataaagatt tctatatattg tgtaaatgga tcatcagaga acaagcctat 720
 53 cagatccagt tatcttactt ttcagcttca aaatatagtt aaacctttgc cgccagtcta 780
 55 tcttactttt actcgggaga gttcatgtga aattaagctg aaatggagca tacctttggg 840
 57 acctattcca gcaagggtgt ttgattatga aattgagatc agagaagatg atactacctt 900
 59 ggtgactgct acagttgaaa atgaaacata caccttgaaa acaacaaatg aaaccggaca 960
 61 attatgcttt gtagtaagaa gcaaaagtga tatttattgc tcagatgacg gaatttgag 1020
 63 tgagtggagt gataaacaat gctgggaagg tgaagaccta tcgaagaaaa ctttgctacc 1080
 65 tttctggcta ccatttggtt tcatcttaat attagttata tttgtaaccg gtctgctttt 1140
 67 gcgtaagcca aacacctacc caaaaatgat tccagaattt ttctgtgata catgaagact 1200
 69 ttccatatca agagacatgg tattgactca acagtttcca gtcattggcca aatgttcaat 1260
 E--> 71 atgagtctca ataaactgaa tttttcttgc gaatgttg 1298

*FYI: all bases
 MUST be in lower-case
 letters, when
 sequence listing is in "new" sequence rules
 format*

Does Not Comply

Corrected Diskette Needed

*(Please
 correct
 ALL
 nucleotide
 sequences)*

RAW SEQUENCE LISTING

DATE: 05/20/2003

PATENT APPLICATION: US/09/077,817C

TIME: 13:57:59

Input Set : A:\SEQID924-09 077817.txt

Output Set: N:\CRF4\05202003\I077817C.raw

```

339 <210> SEQ ID NO: 5
340 <211> LENGTH: 420
341 <212> TYPE: PRT
342 <213> ORGANISM: Homo sapiens
344 <400> SEQUENCE: 5
346 Met Ile Ile Val Ala His Val Leu Leu Ile Leu Leu Gly Ala Thr Glu
E--> 347
      1           5           10           15
E--> 348           20           25           30
349 Pro Val Asn Phe Thr Ile Lys Val Thr Gly Leu Ala Gln Val Leu Leu
E--> 350           35           40           45
351 Gln Trp Lys Pro Asn Pro Asp Gln Glu Gln Arg Asn Val Asn Leu Glu
E--> 352           50           55           60
353 Tyr Gln Val Lys Ile Asn Ala Pro Lys Glu Asp Asp Tyr Glu Thr Arg
E--> 354 65           70           75           80
355 Ile Thr Glu Ser Lys Cys Val Thr Ile Leu His Lys Gly Phe Ser Ala
E--> 356           85           90           95
357 Ser Val Arg Thr Ile Leu Gln Asn Asp His Ser Leu Leu Ala Ser Ser
E--> 358           100          105          110
359 Trp Ala Ser Ala Glu Leu His Ala Pro Pro Gly Ser Pro Gly Thr Ser
E--> 360           115          120          125
361 Ile Val Asn Leu Thr Cys Thr Thr Asn Thr Thr Glu Asp Asn Tyr Ser
E--> 362           130          135          140
363 Arg Leu Arg Ser Tyr Gln Val Ser Leu His Cys Thr Trp Leu Val Gly
E--> 364 145          150          155          160
365 Thr Asp Ala Pro Glu Asp Thr Gln Tyr Phe Leu Tyr Tyr Arg Tyr Gly
E--> 366           165          170          175
367 Ser Trp Thr Glu Glu Cys Gln Glu Tyr Ser Lys Asp Thr Leu Gly Arg
E--> 368           180          185          190
369 Asn Ile Ala Cys Trp Phe Pro Arg Thr Phe Ile Leu Ser Lys Gly Arg
E--> 370           195          200          205
371 Asp Trp Leu Ser Val Leu Val Asn Gly Ser Ser Lys His Ser Ala Ile
E--> 372           210          215          220
373 Arg Pro Phe Asp Gln Leu Phe Ala Leu His Ala Ile Asp Gln Ile Asn
E--> 374 225          230          235          240
375 Pro Pro Leu Asn Val Thr Ala Glu Ile Glu Gly Thr Arg Leu Ser Ile
E--> 376           245          250          255
377 Gln Trp Glu Lys Pro Val Ser Ala Phe Pro Ile His Cys Phe Asp Tyr
E--> 378           260          265          270
379 Glu Val Lys Ile His Asn Thr Arg Asn Gly Tyr Leu Gln Ile Glu Lys
E--> 380           275          280          285
381 Leu Met Thr Asn Ala Phe Ile Ser Ile Ile Asp Asp Leu Ser Lys Tyr
E--> 382           290          295          300
383 Asp Val Gln Val Arg Ala Ala Val Ser Ser Met Cys Arg Glu Ala Gly
E--> 384 305          310          315          320
385 Leu Trp Ser Glu Trp Ser Gln Pro Ile Tyr Val Gly Asn Asp Glu His
E--> 386           325          330          335
387 Lys Pro Leu Arg Glu Trp Phe Val Ile Val Ile Met Ala Thr Ile Cys
E--> 388           340          345          350
390 Phe Ile Leu Leu Ile Leu Ser Leu Ile Cys Lys Ile Cys His Leu Trp

```

?

Please
ensure
TAB codes
are NOT
used

They
cause
format
errors.

see
next
page

RAW SEQUENCE LISTING

DATE: 05/20/2003

PATENT APPLICATION: US/09/077,817C

TIME: 13:57:59

Input Set : A:\SEQID924-09 077817.txt

Output Set: N:\CRF4\05202003\I077817C.raw

```

E--> 391          355          360          365
      392 Ile Lys Leu Phe Pro Pro Ile Pro Ala Pro Lys Ser Asn Ile Lys Asp
E--> 393          370          375          380
      394 Leu Phe Val Thr Thr Asn Tyr Glu Lys Ala Gly Ser Ser Glu Thr Glu
E--> 395 385          390          395          400
      396 Ile Glu Val Ile Cys Tyr Ile Glu Lys Pro Gly Val Glu Thr Leu Glu
E--> 397          405          410          415
E--> 398

```

Asp Ser Val Phe

42C

```

402 <210> SEQ ID NO: 6
403 <211> LENGTH: 424
404 <212> TYPE: PRT
405 <213> ORGANISM: Mus musculus
407 <400> SEQUENCE: 6
409 Met Ala Arg Pro Ala Leu Leu Gly Glu Leu Leu Val Leu Leu Leu Trp
410   1          5          10          15
412 Thr Ala Thr Val Gly Gln Val Ala Ala Ala Thr Glu Val Gln Pro Pro
413          20          25          30
415 Val Thr Asn Leu Ser Val Ser Val Glu Asn Leu Cys Thr Ile Ile Trp
416          35          40          45
418 Thr Trp Ser Pro Pro Glu Gly Ala Ser Pro Asn Cys Thr Leu Arg Tyr
419          50          55          60
421 Phe Ser His Phe Asp Asp Gln Gln Asp Lys Lys Ile Ala Pro Glu Thr
422  65          70          75          80
424 His Arg Lys Glu Glu Leu Pro Leu Asp Glu Lys Ile Cys Leu Gln Val
425          85          90          95
427 Gly Ser Gln Cys Ser Ala Asn Glu Ser Glu Lys Pro Ser Pro Leu Val
428          100          105          110
430 Lys Lys Cys Ile Ser Pro Pro Glu Gly Asp Arg Glu Ser Ala Val Thr
431          115          120          125
433 Glu Leu Lys Cys Ile Trp His Asn Leu Ser Tyr Met Lys Cys Ser Trp
434          130          135          140
436 Leu Pro Gly Arg Asn Thr Ser Pro Asp Thr His Tyr Thr Leu Tyr Tyr
437 145          150          155          160
439 Trp Tyr Ser Ser Leu Glu Lys Ser Arg Gln Cys Glu Asn Ile Tyr Arg
440          165          170          175
442 Glu Gly Gln His Ile Ala Cys Ser Phe Lys Leu Thr Lys Val Glu Pro
443          180          185          190
445 Ser Phe Glu His Gln Asn Val Gln Ile Met Val Lys Asp Asn Ala Gly
446          195          200          205
448 Lys Ile Arg Pro Ser Cys Lys Ile Val Ser Leu Thr Ser Tyr Val Lys
449          210          215          220
451 Pro Asp Pro Pro His Ile Lys His Leu Leu Leu Lys Asn Gly Ala Leu
452 225          230          235          240
454 Leu Val Gln Trp Lys Asn Pro Gln Asn Phe Arg Ser Arg Cys Leu Thr
455          245          250          255
457 Tyr Glu Val Glu Val Asn Asn Thr Gln Thr Asp Arg His Asn Ile Leu
458          260          265          270
460 Glu Val Glu Glu Asp Lys Cys Gln Asn Ser Glu Ser Asp Arg Asn Met
461          275          280          285

```

p.4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/077,817C

DATE: 05/20/2003

TIME: 13:57:59

Input Set : A:\SEQID924-09 077817.txt

Output Set: N:\CRF4\05202003\I077817C.raw

463 Glu Gly Thr Ser Cys Phe Gln Leu Pro Gly Val Leu Ala Asp Ala Val
 464 290 295 300
 466 Tyr Thr Val Arg Val Arg Val Lys Thr Asn Lys Leu Cys Phe Asp Asp
 467 305 310 315 320
 469 Asn Lys Leu Trp Ser Asp Trp Ser Glu Ala Gln Ser Ile Gly Lys Glu
 470 325 330 335
 472 Gln Asn Ser Thr Phe Tyr Thr Thr Met Leu Leu Thr Ile Pro Val Phe
 473 340 345 350
 475 Val Ala Val Ala Val Ile Ile Leu Leu Phe Tyr Leu Lys Arg Leu Lys
 476 355 360 365
 478 Ile Ile Ile Phe Pro Pro Ile Pro Asp Pro Gly Lys Ile Phe Lys Glu
 479 370 375 380
 481 Met Phe Gly Asp Gln Asn Asp Asp Thr Leu His Trp Lys Lys Tyr Asp
 482 385 390 395 400
 484 Ile Tyr Glu Lys Gln Ser Lys Glu Glu Thr Asp Ser Val Val Leu Ile
 485 405 410 415
 486

Glu Asn Leu Lys

E--> 487

420

644 <210> SEQ ID NO: 15
 645 <211> LENGTH: 20
 646 <212> TYPE: DNA
 647 <213> ORGANISM: Artificial sequence
 649 <220> FEATURE:
 650 <223> OTHER INFORMATION: primer
 653 <400> SEQUENCE: 15

C--> 655 aaaaaaaaaa aaagggcccg 20

E--> 657 1

E--> 660 37

*delete**see following pages for more errors*

<210> 11
<211> 6
<212> PRT
<213> Artificial sequence

<220>

<223> in SEQ ID NO. 12 which is a variant of SEQ ID NO. 2, the sequence VRCVTL is substituted for the 8 C-terminal amino acids of the human protein.

<400> 11

Val Arg Cys Val Thr Leu
1 5

<210> 13
 <211> 5
 <212> PRT
 <213> Artificial sequence

<220>

<223> motif characteristic of the family of chemokine receptors to which the polypeptides of SEQ ID NO. 2 and SEQ NO. 4 belong. Xaa can be any amino acid.

<400> 13

Trp Ser Xaa Trp Ser
 1 5

↓
 Per 1.823 of sequence rules,
 use this format for
 Xaa's or n's:

<222> (1)...(5) ← first amino acid and last amino acid positions
 <223> Xaa can be any amino acid.
 (that way, all positions are covered)

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/077,817C

DATE: 05/20/2003

TIME: 13:58:00

Input Set : A:\SEQID924-09 077817.txt

Output Set: N:\CRF4\05202003\I077817C.raw

L:29 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=1
L:71 M:252 E: No. of Seq. differs, <211> LENGTH:Input:1539 Found:1298 SEQ:1
L:139 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=3
L:347 M:360 E: Sequence data overflow, line data truncated, for SEQ ID#:5
L:347 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5
L:347 M:333 E: Wrong sequence grouping, Amino acids not in groups!
M:332 Repeated in SeqNo=5
L:398 M:252 E: No. of Seq. differs, <211> LENGTH:Input:420 Found:408 SEQ:5
L:487 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
L:500 M:112 C: (48) String data converted to lower case,
L:514 M:112 C: (48) String data converted to lower case,
L:527 M:112 C: (48) String data converted to lower case,
L:539 M:112 C: (48) String data converted to lower case,
L:628 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:13
L:628 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:13
L:628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:642 M:112 C: (48) String data converted to lower case,
L:655 M:112 C: (48) String data converted to lower case,
L:657 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=15

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/077,817C

DATE: 05/20/2003
TIME: 13:58:00

Input Set : A:\SEQID924-09 077817.txt
Output Set: N:\CRF4\05202003\I077817C.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,2,3,4,5,6,7,8,9,11,12,13,14,15,16,17,18,19,20,21,22,23,24
Seq#:1; Line(s) 25,26,75
Seq#:2; Line(s) 76,77,78,79,132
Seq#:3; Line(s) 133,134,135,136,275
Seq#:4; Line(s) 276,277,278,279,339
Seq#:5; Line(s) 340,341,343,346,347,348,349,350,351,352,353,354,355,356,357
Seq#:5; Line(s) 358,359,360,361,362,363,364,365,366,367,368,369,370,371,372
Seq#:5; Line(s) 373,374,375,376,377,378,379,380,381,382,383,384,385,386,387
Seq#:5; Line(s) 388,389,390,391,392,393,394,395,396,397,398,402
Seq#:6; Line(s) 403,404,405,406,409,410,411,412,413,414,415,416,417,418,419
Seq#:6; Line(s) 420,421,422,423,424,425,426,427,428,429,430,431,432,433,434
Seq#:6; Line(s) 435,436,437,438,439,440,441,442,443,444,445,446,447,448,449
Seq#:6; Line(s) 450,451,452,453,454,455,456,457,458,459,460,461,462,463,464
Seq#:6; Line(s) 465,466,467,468,469,470,471,472,473,474,475,476,477,478,479
Seq#:6; Line(s) 480,481,482,483,484,485,486,487,490
Seq#:7; Line(s) 492,497,503
Seq#:8; Line(s) 505,511,517
Seq#:9; Line(s) 519,524,529
Seq#:10; Line(s) 531,536,542
Seq#:11; Line(s) 544,548,549,556
Seq#:12; Line(s) 557,558,562,563,618
Seq#:13; Line(s) 620,624,632
Seq#:14; Line(s) 634,644
Seq#:15; Line(s) 646,652

VARIABLE LOCATION SUMMARY

DATE: 05/20/2003

PATENT APPLICATION: US/09/077,817C

TIME: 13:58:00

Input Set : A:\SEQID924-09 077817.txt

Output Set: N:\CRF4\05202003\I077817C.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:13; Xaa Pos. 3